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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of structural properties on (de-)intercalation of ClO ₄ ⁻ anion in graphite from concentrated aqueous electrolyte. Carbon, 2022, 186, 612-623.	5.4	10
2	Reversible anion intercalation into graphite from aluminum perchlorate "water-in-salt" electrolyte. Electrochimica Acta, 2022, 404, 139754.	2.6	9
3	Superradiant Emission from Coherent Excitons in van Der Waals Heterostructures. Advanced Functional Materials, 2021, 31, 2102196.	7.8	12
4	Understanding the processing-structure-performance relationship of graphene and its variants as anode material for Li-ion batteries: A critical review. Carbon, 2020, 156, 130-165.	5.4	41
5	Rippled Metallic Nanowire/Graphene/Semiconductor Nanostack for a Gate-Tunable Ultrahigh-Performance Stretchable Phototransistor. Advanced Optical Materials, 2020, 8, 2000859.	3.6	5
6	Lower limit to Si-dimension for retaining graphenic carbon based "buffer"™ effective towards bestowing Si-electrodes with cyclic stability. Carbon, 2020, 165, 428-433.	5.4	11
7	Effect of the presence of Si-oxide/sub-oxide surface layer(s) on "micron-sized"™ Si wires towards the electrochemical behavior as anode material for Li-ion battery. Electrochimica Acta, 2019, 297, 381-391.	2.6	19
8	Enhanced and Faster Potassium Storage in Graphene with Respect to Graphite: A Comparative Study with Lithium Storage. ACS Nano, 2019, 13, 2190-2204.	7.3	27
9	Crystalline core/amorphous shell structured silicon nanowires offer size and structure dependent reversible Na-storage. Journal of Materials Chemistry A, 2018, 6, 3422-3434.	5.2	37
10	Wear damage and effects of graphene-based lubricants/coatings during linear reciprocating sliding wear at high contact pressure. Wear, 2018, 400-401, 144-155.	1.5	20
11	Understanding the Li-storage in few layers graphene with respect to bulk graphite: experimental, analytical and computational study. Journal of Materials Chemistry A, 2017, 5, 8662-8679.	5.2	70
12	Feasibility of Reversible Electrochemical Na-Storage and Cyclic Stability of Amorphous Silicon and Silicon-Graphene Film Electrodes. Journal of the Electrochemical Society, 2017, 164, A2559-A2565.	1.3	28
13	Correlations between preparation methods, structural features and electrochemical Li-storage behavior of reduced graphene oxide. Nanoscale, 2017, 9, 11303-11317.	2.8	52
14	Insights into the effects of multi-layered graphene as buffer/interlayer for a-Si during lithiation/delithiation. Carbon, 2017, 111, 602-616.	5.4	59
15	Insight into the mechanical integrity of few-layers graphene upon lithiation/delithiation via in situ monitoring of stress development. Carbon, 2015, 88, 206-214.	5.4	37
16	Improved structural and optical properties of Cu ₂ ZnSnS ₄ thin films via optimized potential in single bath electrodeposition. Electrochimica Acta, 2014, 137, 154-163.	2.6	41
17	Structural and optical properties of electrochemically grown highly crystalline Cu ₂ ZnSnS ₄ (CZTS) thin films. , 2013, , .		8